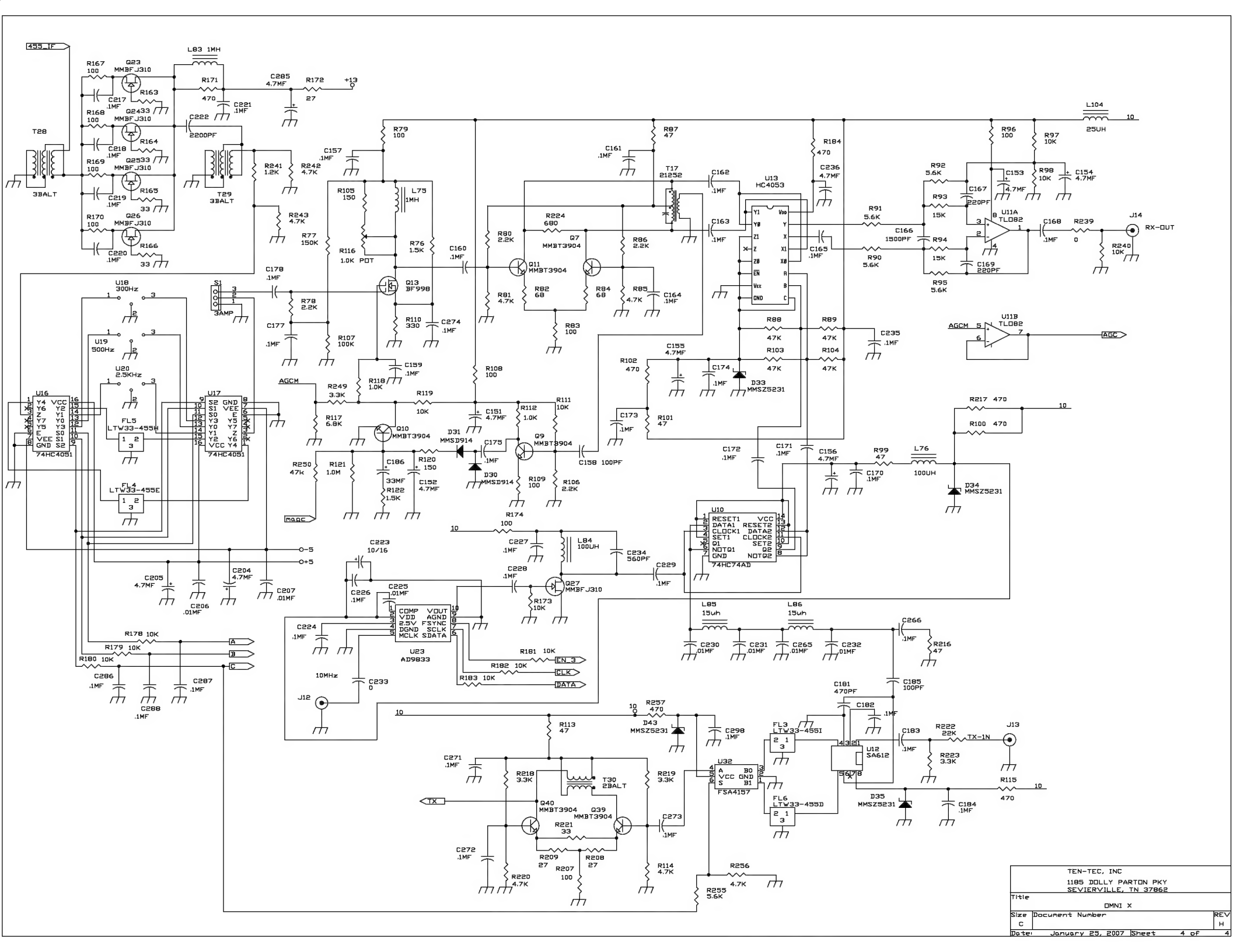
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L83 1MH
R167 100
Q23 MMBFJ310
R163
C217 .1MF
R168 100
Q2433 MMBFJ310
R164
C218 .1MF
R169 100
Q2533 MMBFJ310
R165 33
C219 .1MF
R170 100
Q26 MMBFJ310
R166 33
C220 .1MF
R171 470
C221 .1MF
C285 4.7MF
R172 27
+13
C222 2200PF
T28
3BALT
T29
3BALT
R241 1.2K
R242 4.7K
R243 4.7K
R79 100
C157 .1MF
R105 150
L75 1MH
R116 1.0K POT
R77 150K
R76 1.5K
C160 .1MF
R87 47
C161 .1MF
T17 21252
C162 .1MF
C163 .1MF
R184 470
C236 4.7MF
U13 HC4053
R224 680
Q7 MMBT3904
R80 2.2K
R86 2.2K
Q11 MMBT3904
R81 4.7K
R82 68
R84 68
R85 4.7K
C164 .1MF
R83 100
C165 .1MF
R91 5.6K
R90 5.6K
C166 1500PF
R92 5.6K
R93 15K
C167 220PF
R94 15K
C169 220PF
R95 5.6K
R96 100
R97 10K
C153 4.7MF
R98 10K
C154 4.7MF
L104 25UH
U11A TL082
C168 .1MF
R239 0
J14
RX-OUT
R240 10K
C178 .1MF
S1
3AMP
R78 2.2K
C177 .1MF
R107 100K
Q13 BF998
R110 330
C274 .1MF
R88 47K
R89 47K
C235 .1MF
R103 47K
R104 47K
C155 4.7MF
R102 470
C174 .1MF
D33 MMSZ5231
U11B TL082
AGCM
AGC
U18 300Hz
U19 500Hz
U20 2.5KHz
U16 74HC4051
U17 74HC4051
FL5 LTW33-455H
FL4 LTW33-455E
C159 .1MF
R118 1.0K
R108 100
R249 3.3K
R119 10K
R117 6.8K
Q10 MMBT3904
D31 MMSD914
C151 4.7MF
R112 1.0K
R111 10K
Q9 MMBT3904
C175 .1MF
D30 MMSD914
C158 100PF
R250 47K
R121 1.0M
C186 33MF
R120 150
R122 1.5K
C152 4.7MF
R109 100
R106 2.2K
R101 47
C173 .1MF
R217 470
R100 470
C172 .1MF
C171 .1MF
C156 4.7MF
R99 47
L76 100UH
C170 .1MF
D34 MMSZ5231
U10 74HC74AD
R174 100
C227 .1MF
L84 100UH
C234 560PF
C228 .1MF
Q27 MMBFJ310
R173 10K
C229 .1MF
C223 10/16
C225 .01MF
C226 .1MF
U23 AD9833
C224 .1MF
R181 10K
R182 10K
R183 10K
EN_3
CLK
DATA
10MHz
C233 0
J12
L85 15uh
L86 15uh
C230 .01MF
C231 .01MF
C265 .01MF
C232 .01MF
C266 .1MF
R216 47
C205 4.7MF
C206 .01MF
C204 4.7MF
C207 .01MF
R178 10K
R179 10K
R180 10K
C286 .1MF
C288 .1MF
C287 .1MF
A
B
C
-5
+5
R257 470
D43 MMSZ5231
C298 .1MF
R113 47
C271 .1MF
R218 3.3K
T30 2BALT
R219 3.3K
TX
Q40 MMBT3904
Q39 MMBT3904
R221 33
C273 .1MF
C272 .1MF
R209 27
R208 27
R207 100
R220 4.7K
R114 4.7K
R256 4.7K
R255 5.6K
U32 FSA4157
FL3 LTW33-455I
FL6 LTW33-455D
U12 SA612
C181 470PF
C182 .1MF
C185 100PF
R222 22K
TX-IN
J13
C183 .1MF
R223 3.3K
R115 470
D35 MMSZ5231
C184 .1MF
TEN-TEC, INC
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SEVIERVILLE, TN 37862
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